

Question	Answer
11.	$C = 5\pi \text{ m}$
12.	$d = \frac{10}{\pi} \text{ ft}$
13.	$A \approx 962.1 \text{ ft}^2$ ; $A \approx 1963.5 \text{ ft}^2$ ; $A \approx 3421.2 \text{ ft}^2$
15.	$A \approx 13.3 \text{ ft}^2$
17.	$A \approx 14.5 \text{ ft}^2$
22.	$\approx 51.4^\circ$
26.	$A \approx 679.0 \text{ in}^2$
30.	$A \approx 11.3 \text{ cm}^2$
31.	$A \approx 90.8 \text{ ft}^2$
33.	The calculation shown in A is incorrect because the diameter, instead of the radius, is used to find the area.
35.	$\frac{20\sqrt{\pi}}{\pi}$ ; $\frac{10\sqrt{\pi}}{\pi}$ ; $20\sqrt{\pi}$
38.	$A \approx 711 \text{ ft}^2$
39a.	$A \approx 745.6 \text{ in}^2$
39b.	$A \approx 1073.6 \text{ in}^2$
39c.	44%

Question	Answer
41.	Possible answer: The circular table would fit at least as many people as the rectangular table. At the rectangular table, 2 people would fit at each of the 4 ft sides and 3 people would fit at each of the 6 ft sides, for a total of 10 people. Each person would have 2 ft of space. If 11 people sat at the circular table, each person would have about 1 ft 9 in. of space.
42.	The circumference of the largest circle is equal to the sum of the circumferences of the four smaller circles.
43.	B
44.	F